

STYLECOAT® Color Appearance Coatings

PRODUCT DESCRIPTION

The STYLECOAT® family of UV-resistant, top coat or appearance in-mold coatings was developed for compression molding applications. STYLECOAT technology is designed to provide parts with a uniform, finished appearance, gloss, and color directly from the molding operation.

TECHNICAL DATA

VISCOSITY:	200-1500 cps @ 86°F (30°C)
WEIGHT PER GALLON/LITER:	8.9 lbs/gallon (1.067 kg/liter)
EFFECTIVE WEIGHT SOLIDS:	100%
EFFECTIVE VOC'S:	0%
SHELF LIFE:	6 months @ 77°F (25°C)
COVERAGE:	@ 3.0 mils, 535 ft ² /gal, 60.1ft ² /lb. @ 76 µm (micron), 13.1 m ² /liter, 12.3 m ² /kg
RECOMMENDED CATALYST:	100% TBPB (t-butylPeroxybenzoate)
POT LIFE:	21 Days @ 77°F (25°C)
RECOMMENDED FILM THICKNESS:	3.0 to 5.0 mils 76.2 to 127 µm (micron)
FLASH POINT:	118°F (48°C)

TYPICAL CURED PERFORMANCE PROPERTIES:

ADHESION TO SUBSTRATE:	Excellent when properly applied and cured
CONDUCTIVITY:	None
GRAVELOMETER:	SAE J400 = 5A – 5B GM = 8-9
PENCIL HARDNESS:	H – 2H
COLOR/APPEARANCE:	Varies, smooth, weatherable

CATALYST ADDITION:

TBPB at 0.5 to 2.0 weight %, level may be adjusted (within limits) to adjust cure time

SMC APPLICATION DATA:

Mold Temperature: 265° to 320°F
(130 to 160°C)

Mold Pressure: 250 to 1200 psi
(17 to 83 bar)

CURE SCHEDULE:

35 seconds @ 300°F (150°C), 1.5 weight % TBPB

SUBSTRATE RECOMMENDATIONS:

Compression and Injection Molded FRPS, SMC, LPMC, BMC, SRIM, RTM, LPLTMC

COLOR:

Matched to your specification

NOTE:

Not actual product specifications

STORAGE:

In cool, dry area @ 77°F (25°C) or below

Please review our cautionary information guide

NOTE:

Although data supplied above are believed to be accurate, each user is advised to make his or her own determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such a use will comply with all applicable laws or regulations, or whether such a use will not infringe the intellectual property rights of third parties.

